

## REMARKS

Reconsideration and the timely allowance of the pending claims, in view of the following remarks, are respectfully requested.

In the Final Office Action dated May 8, 2006, the Examiner rejected claims 3, 4, 7 and 8, under 35 U.S.C. § 102(b), as allegedly being anticipated by Kamiguchi '975 (U.S. Patent No. 5,611,975).

By this Amendment, claims 3-4 have been cancelled without prejudice or disclaimer.

Applicant respectfully traverses the prior art rejections, under 35 U.S.C. §102(b), for the following reasons:

### I. Prior Art Rejections Under §102(b).

As indicated above, amended claim 7 sets forth a control console of an injection molding machine and positively recites, *inter alia*, the use of a first region that displays *a curve representing a forward speed of a screw versus a position of the screw* in filling and pressure-holding steps, and a second region displaying items for specifying operating conditions and settings for the operating conditions in the filling and pressure-holding steps. These features are amply supported by the embodiments disclosed in the written description.

In contrast to the Examiner's assertions, the Kamiguchi '975 reference fails to teach each and every element of claim 1, including the features identified above. To the point, the Kamiguchi '975 reference only discloses displaying an *injection pressure vs. screw position* waveform and an *injection pressure vs. elapsed time* waveform. Specifically, Kamiguchi '975 teaches that, after the beginning of the injection process, information on the injection pressure **Pi** is stored in RAM **108** and information on the screw position **Si** is stored in RAM **109**, at intervals of the predetermined sampling period provided by address generator **118**. (See, Kamiguchi '975: col. 4, lines 45-55). Kamiguchi '975 also teaches the display of the injection pressure **Pi** vs. screw position **Si** waveform. (See, Kamiguchi '975: col. 6, lines 7-22).

Kamiguchi '975 further teaches the processing of elapsed time *ty* relative to injection pressure **Pi** for each sampling period and the display of the injection pressure **Pi** vs. elapsed

time *iy* waveform. (See, Kamiguchi '975: col. 6, lines 22-39). Indeed, Kamiguchi '975 specifically provides the use of a subprogram that renders the display of injection pressure *Pi* vs. screw position *Si* waveform, the use of another subprogram that renders the display of the injection pressure *Pi* vs. elapsed time *iy* waveform and the mechanism to switch between the two displays. (See, Kamiguchi '975: col. 6, lines 4545-62).

In so doing, Kamiguchi '975 clearly fails to teach or suggest the display of a curve representing a forward speed of a screw versus a position of the screw in filling and pressure-holding steps, as required by claim 7. In other words, although the display of *Pi* vs. *Si* and *Pi* vs. *iy* waveforms are disclosed, Kamiguchi '975 is devoid of any mention regarding the display of *forward screw speed* vs. *screw position*, as claimed. In fact, despite its comprehensive teachings, not only does Kamiguchi '975 fail to teach the display of screw speed and screw position, it equally fails to disclose how screw speed and screw position are associated or otherwise provide a relation between the two.

Thus, for at least these reasons, Applicant submits that Kamiguchi '975 fails to teach each and every element of claim 7. As such, claim 7 is clearly patentable. In addition, because claim 8 depends directly from claim 7, claim 8 is patentable at least by virtue of dependency as well as for its additional recitations. Accordingly, the immediate withdrawal of the prior art rejections of claims 7-8 is respectfully requested.

## II. Conclusion.

All matters having been addressed and in view of the foregoing, Applicant respectfully requests the entry of this Amendment, the Examiner's reconsideration of this application, and the immediate allowance of all pending claims.

Applicant's Counsel remains ready to assist the Examiner in any way to facilitate and expedite the prosecution of this matter. If any point remains in issue in which the Examiner feels may be best resolved through a personal or telephone interview, please contact the Undersigned at the telephone number listed below.

Please charge any fees associated with the submission of this paper to Deposit Account Number **03-3975**.

The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

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